

In the claims:

Claim 1 (currently Amended) A wirefilm for electrically interconnecting a first component having a plurality of first bonding sites and a second component having a plurality of second bonding sites, the wirefilm comprising:

a ~~stepable~~ discontinuously movable, substantially planar film; and

a plurality of spaced apart groups of wire strands, each wire strand of each group of wire strands having a first end and a second end, each wire strand of one of said groups of wire strands coupled to the film corresponding to the relative positions of the first component and the second component, the first end of each wire strand of said one of said groups of wire strands operable to contact a first bonding site and the second end of each wire strand of said one of said groups of wire strands operable to contact a second bonding site to electrically interconnect the first component and the second component, at least a portion of each wire strand between the first end and the second end being fully embedded in said film.

Claim 2 (previously amended) The wirefilm of Claim 1, wherein the film comprises a plastic polymer.

Claim 4 (previously amended) The wirefilm of Claim 1, further comprising an adhesive layer operable to couple the wirefilm to the first component and the second component.

Claim 6 (previously amended) The wirefilm of Claim 1, further comprising an film tape carrier removably coupled to the film, the film tape carrier operable to advance the film from a first position to a second position.

Claim 21 (previously amended) A wirefilm for electrically interconnecting a first component having a plurality of first bonding sites and a second component having a plurality of second bonding sites, the wirefilm comprising:

a ~~stepable~~ discontinuously movable substantially planar film; and

a plurality of spaced apart groups of wire strands, each wire strand of each group of wire strands having a first end and a second end, each wire strand of one of said groups of wire strands coupled to the film corresponding to the relative positions of the first component and the second component, the first end of each wire strand of each group of wire strands operable to contact a first bonding site and the second end of each wire strand of said one of said groups of wire strands operable to contact a second bonding site to electrically interconnect the first component and the second component, each wire strand comprising a loop portion relaxed and located entirely between the first end and the second end, the loop portion spaced apart from said film.

Claim 22 (previously added) The wirefilm of claim 21 wherein the film comprises a plastic polymer.

Claim 23 (allowed and amended) A wirefilm for electrically interconnecting a first component having a plurality of first bonding sites and a second component having a plurality of second bonding sites, the wirefilm comprising:

a substantially planarizable film; and

a plurality of wire strands, each wire strand having a first end and a second end, each wire strand coupled to the film according to the relative positions of the first component and the second component, the first end of each wire strand operable to contact a first bonding site and the second end of each wire strand operable to contact a second bonding site to electrically interconnect the first component and the second component, each wire strand comprising a loop portion relaxed and located entirely between the first end and the second end, the loop portion spaced ~~apart~~ apart from said film;

wherein at least a portion of each wire strand between the first end and the second end is embedded in said film.

Claim 24 (previously added) The wirefilm of claim 21 further comprising an adhesive layer operable to couple the wirefilm to the first component and the second component.

Claim 25 (previously added) The wirefilm of claim 21 further comprising a film tape carrier removably coupled to the film, the film tape carrier operable to advance the film from a first position to a second position.

Claim 26 (previously added and amended) Apparatus for making an electrical connection between a first component and a second component with a wirefilm which comprises:

- a first component having first bonding sites thereon;
- a second component having second bonding sites thereon; and
- a stepable discontinuously movable wirefilm for electrically interconnecting bonding sites of said first component and said second component sites, the wirefilm comprising:

- a substantially planar film; and
- a plurality of spaced apart groups of wire strands, each wire strand of each group of wire strands having a first end and a second end, each wire strand of one of said groups of wire strands coupled to the film corresponding to the relative positions of the first component and the second component, the first end of each wire strand of each group of wire strands operable to contact a first bonding site and the second end of each wire strand of said one of said groups of wire strands operable to contact a second bonding site to electrically interconnect the first component and the second component, at least a portion of each wire strand between the first end and the second end being embedded in said film.

Claim 27 (previously added and amended) The apparatus of claim 26 further comprising an adhesive layer operable to couple the wirefilm to the first component and the second component.

Claim 28 (previously added and amended) The apparatus of claim 26 further comprising a film tape carrier removably coupled to the film, the film tape carrier operable to advance the film from a first position to a second position.

Claim 29 (previously added and amended) Apparatus for making an electrical connection between a first component and a second component with a wirefilm which comprises:

- a first component having first bonding sites thereon;
- a second component having second bonding sites thereon; and
- a wirefilm for electrically interconnecting bonding sites of said first component and said second component sites, the wirefilm comprising:
 - a ~~stepable~~ discontinuously movable substantially planar film; and
 - a plurality of spaced apart groups of wire strands, each wire strand of each group of wire strands having a first end and a second end, each wire strand of one of said groups of wire strands coupled to the film corresponding to the relative positions of the first component and the second component, the first end of each wire strand of said one of said groups of wire strands operable to contact a first bonding site and the second end of each wire strand of said one of said groups of wire strands operable to contact a second bonding site to electrically interconnect the first component and the second component, each wire strand comprising a loop portion relaxed and located entirely between the first end and the second end, the loop portion spaced apart from said film.

Claim 30 (previously added and amended) The apparatus of claim 29 wherein the film comprises a plastic polymer.

Claim 31 (previously added and amended) The apparatus of claim 29 wherein at least a portion of each wire strand between the first end and the second end is embedded in said film.

Claim 32 (previously added and amended) The apparatus of claim 29 further comprising an adhesive layer operable to couple the wirefilm to the first component and the second component.

Claim 33 (previously added and amended) The apparatus of claim 29 further comprising a film tape carrier removably coupled to the film, the film tape carrier operable to advance the film from a first position to a second position.